

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A method for removing particulates from a strainer positioned in a contaminated water flow having particulates therein, said method comprising the steps of:

disposing a first outer surface of a stationary cylindrical porous member in the contaminated water flow to capture particulates against said first outer surface;

positioning a housing containing a single ultrasonic energy source within an inner region of said stationary cylindrical porous member defined by a downstream second inner surface of said stationary cylindrical porous member, said second inner surface permitting passage of a cleaned water flow;

isolating said stationary cylindrical porous member from said contaminated water flow;

activating said ultrasonic energy source to dislodge particulates from said first outer surface; and

sending a reverse flow of clean water through said second inner and first outer surfaces to evacuate said dislodged particulates from returning to said first outer surface.

2. (Original) The method of Claim 1 wherein said step of sending a reverse flow of clean water comprises sending a reverse flow of said contaminated water flow that has already passed through said second inner surface.

3. (Original) A method for reducing the amount of cleaned water required in cleaning a particulate strainer using a reverse flow system, said method comprising the steps of:

disposing a stationary cylindrical strainer in a first fluid flow to capture particulates against a first upstream surface of the strainer;

positioning a housing containing a single ultrasonic energy source within an inner region of said stationary cylindrical strainer defined by a downstream second surface, said second surface permitting passage of a cleaned fluid flow;

stopping said first flow;

activating said ultrasonic energy source to dislodge particulates from said first surface;

sending a reverse flow of said cleaned fluid flow through said second surface and through said first surface to evacuate said dislodged particulates from returning to said first surface; and

restoring the passage of said first fluid flow through said strainer.